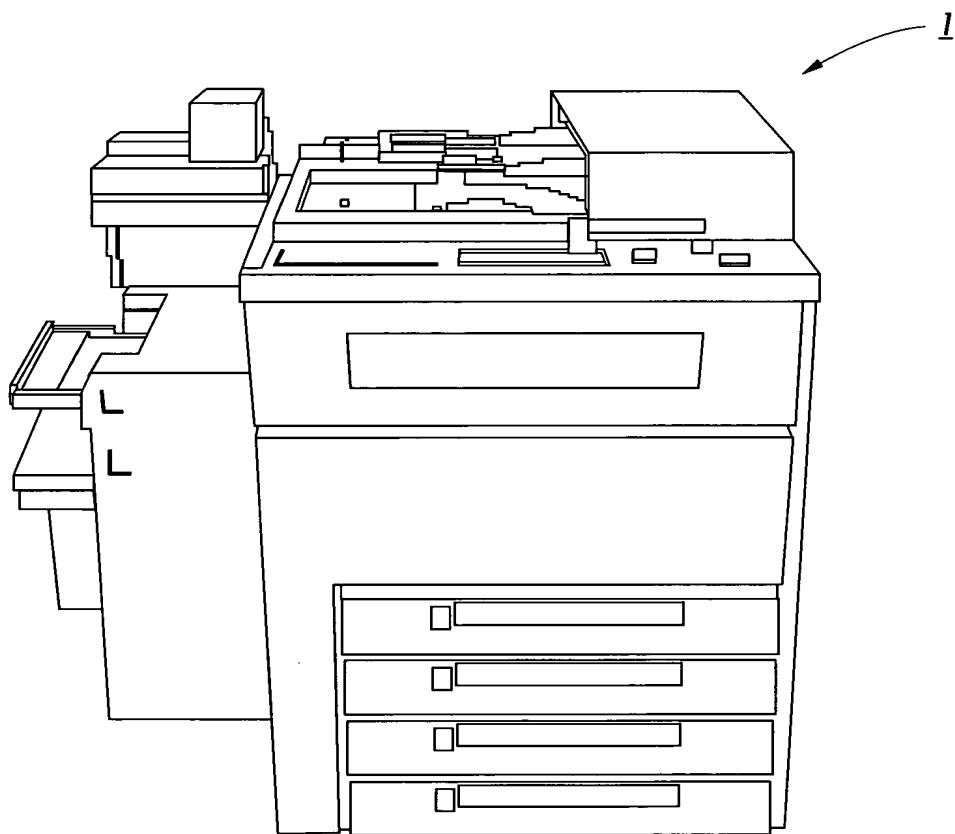
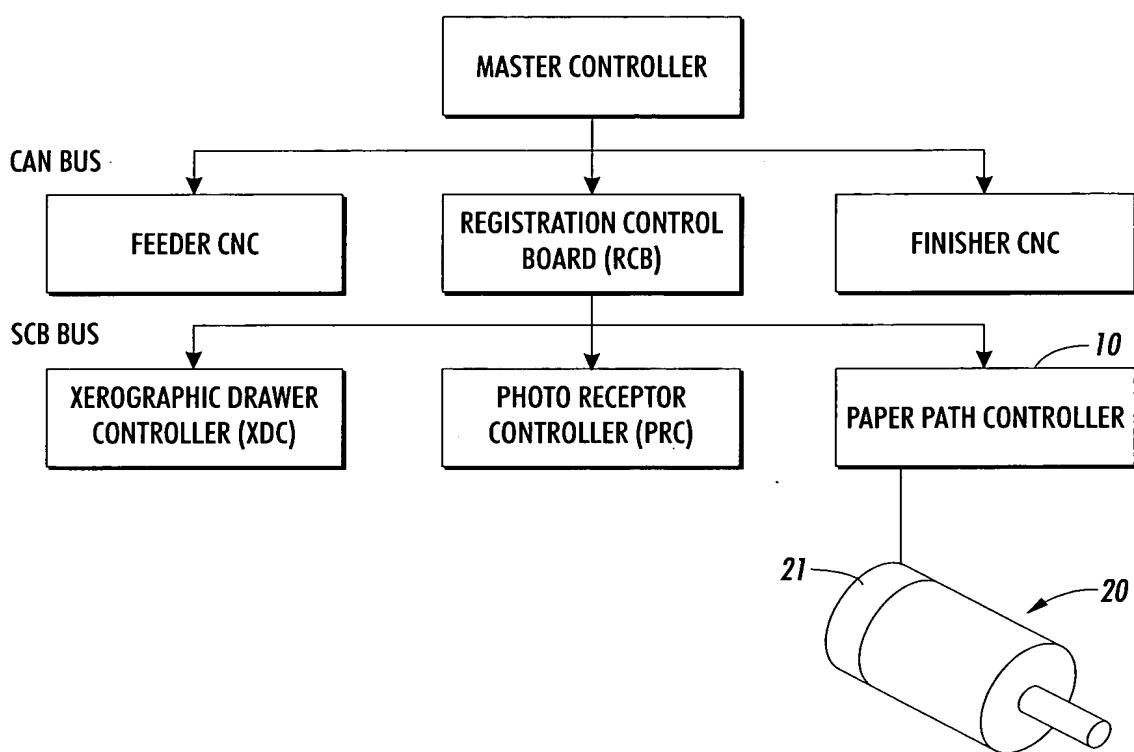
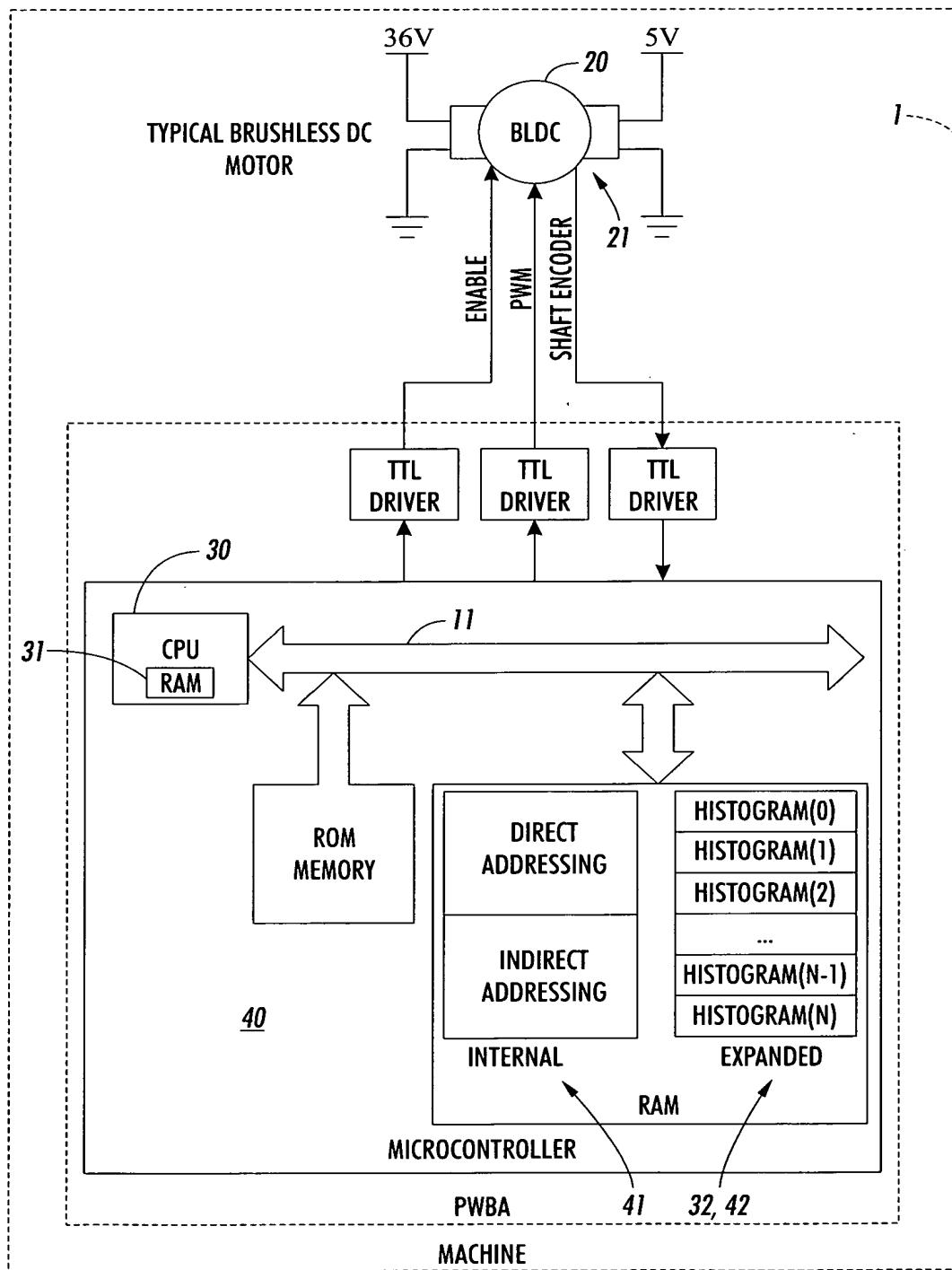


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**FIG. 1**

**FIG. 2**

**FIG. 3**

14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29

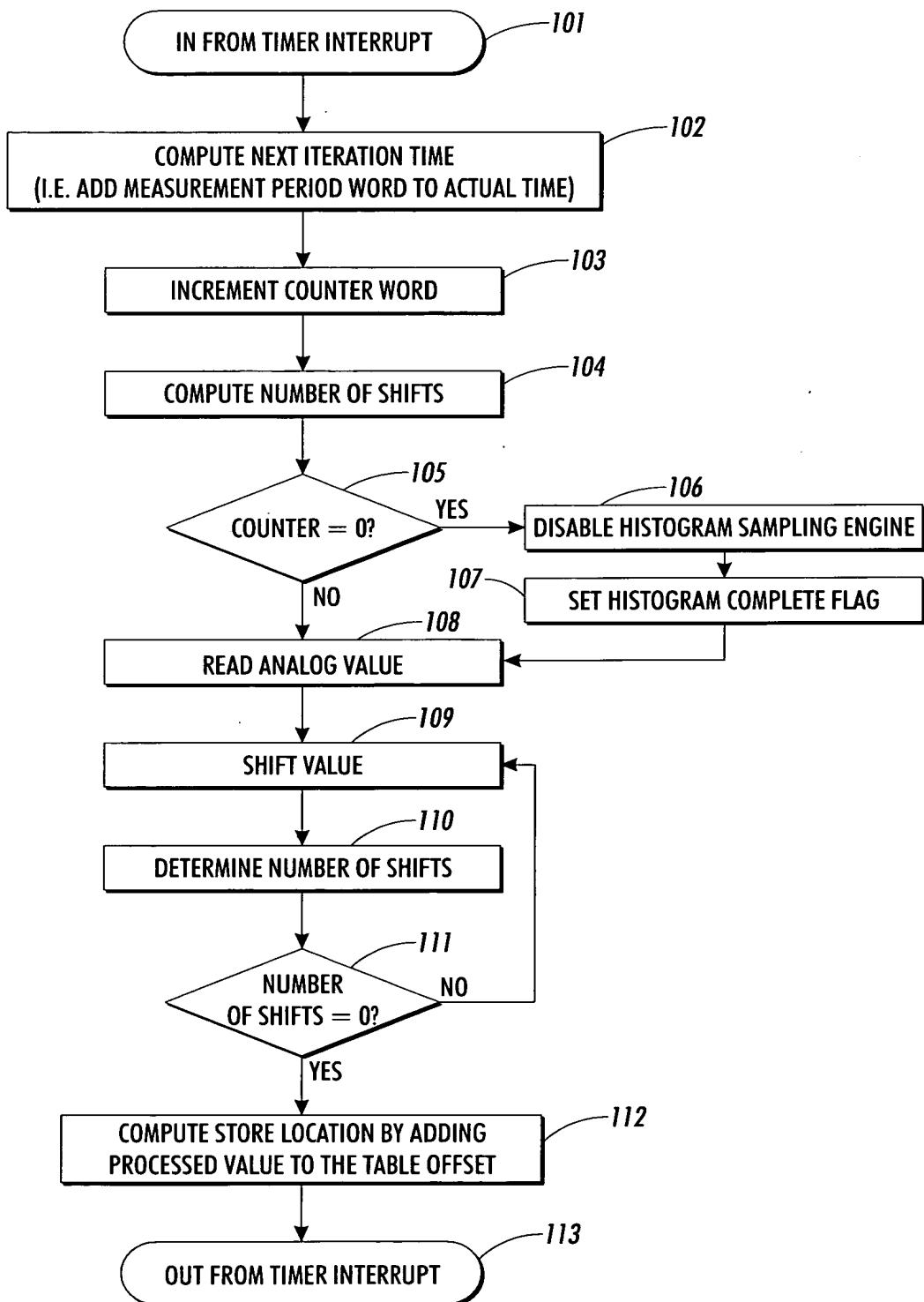


FIG. 4

RAM SPACE
DEGREES (LOG2 HISTO SIZE)
VALUE RESOLUTION (# BITS)
NUMBER OF SHIFTS
MEASUREMENT PERIOD H
MEASUREMENT PERIOD L
COUNTER H
COUNTER L
HISTOGRAM STATUS REGISTER

FIG. 5

HISTOGRAM STATUS REGISTER

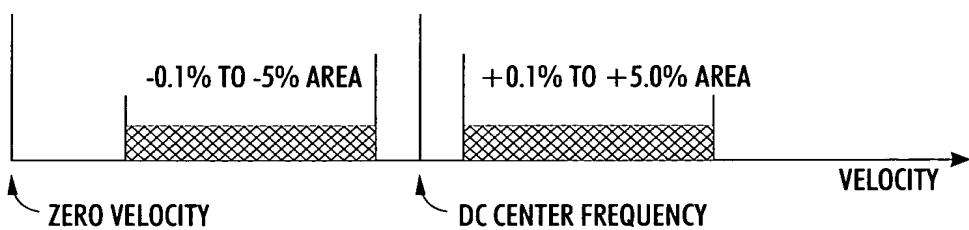


FIG. 6